

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	45	non with linear with channel with estimator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L3	5	volterra and first adj fir and second adj fir	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L4	9	optical with fiber and finite with memory with channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L5	2	(non adj linear) and (optical adj fiber) and ((channel adj model)) and viterbi and volterra	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L6	7	volterra same "A/D" and equaliz\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L7	19	(non adj linear) and (optical adj fiber) and ((channel adj model)) and viterbi	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L8	36	optical adj fiber and volterra	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L9	46	(optical adj fiber) with (non near linear) and o/e	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36

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L10	1	(volterra and first adj fir and second adj fir).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L11	6	non adj linear and volterra and training and (model with channel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L12	1097	optical adj fiber near capacity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L13	1	(optical adj fiber) with (non near linear) with o/e	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L14	0	volterra and "A/D" and equaliz\$5 and "o/e"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L15	14	non adj linear and volterra and (FIR) and (model with channel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L16	16	non adj linear and volterra and (second near FIR)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L17	4994	optical adj fiber with capacity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36

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L18	0	optical adj fiber same volterra	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L19	11	non near linear with channel adj estimator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L20	1	volterra with "A/D" and equaliz\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L21	0	o/e with "A/D" same equaliz\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L22	0	o/e and equaliz\$5 and volterra	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L23	63	(non adj linear) and (optical adj fiber) and ((channel adj model))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L24	0	o/e same equaliz\$5 and volterra	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L25	0	o/e with equaliz\$5 and volterra	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36

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L26	323	o/e and equaliz\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L27	0	(optical adj fiber) and (non near linear) and "o/e" and volterra	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L28	0	(optical adj fiber) and (non near linear) and o/e and volterra	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L29	0	(optical adj fiber) same (non near linear) and o/e and volterra	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L30	0	(optical adj fiber) with (non near linear) and o/e and volterra	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L31	1548	(optical adj fiber) with (non near linear) and o/e	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L32	1548	(optical adj fiber) with (non near linear)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L33	0	(non near linear) with (channel adj estimat\$3) with (update or adap\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36

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L34	0	volterra and first adj fir and secod adj fir	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L35	0	((non adj linear) and (optical adj fiber) and ((channel adj model)) and viterbi).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L36	228	(optical adj fiber) and (channel adj model\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L37	81	non adj linear and volterra and (FIR) and model	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L38	0	non adj linear same volterra same (second near FIR)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L39	1	((non adj linear) and (optical adj channel) and ((estimat\$3 adj distortion))).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L40	1	(non adj linear) and (optical adj channel) and ((estimat\$3 adj distortion))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L41	1	((non adj linear) and (optical adj channel) and ((channel adj model)) and viterbi and (branch adj metric)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36

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L42	3	(non adj linear) and (optical adj channel) and ((channel adj model)) and viterbi and (branch adj metric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L43	0	(non adj linear) and (optical adj channel) and ((channel adj model)) and viterbi and memory adj width	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L44	2	(non adj linear) and (optical adj channel) and ((channel adj model)) and viterbi and volterra	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L45	1	((non adj linear) and (optical adj channel) and ((channel adj model)) and viterbi).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L46	0	((non adj linear) and (optical adj fiber) and ((channel adj model)) and viterbi).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L47	27	o/e with equaliz\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L48	58	o/e with "A/D"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L49	0	o/e with "A/D" with equaliz\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36

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L50	3	(non adj linear) and (optical adj fiber) and ((adjust\$3 or correct\$3) with (channel adj model))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L51	5	o/e with "A/D" and equaliz\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L52	2	"20020064234".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L53	12	(optical adj fiber) and volterra and equaliz\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L54	36	(optical adj fiber) and volterra	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L55	7	(non near linear) same (channel adj estimat\$3) same (update or adap\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L56	1	(non adj linear) and (optical adj fiber) and (adjust\$3 with (channel adj model))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L57	50	volterra and "A/D" and equaliz\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36

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L58	4008	375/340	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L59	2011	375/229	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L60	864	375/230	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L61	1080	375/231	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L62	2487	375/232	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L63	30	volterra and (non adj linear) and (channel with estimation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L64	3	L63 and L58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L65	6	L63 and L59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36



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L66	4	L63 and L60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L67	3	L63 and L61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L68	8	L63 and L62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L69	2542	sands.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L70	149419	non adj linear	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L71	20	L69 and L70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L72	1465	375/233	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L73	6	L63 and L72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36

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L74	1152	375/348	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L75	3	L63 and L74	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:36
L76	2	"20060274861".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 18:42

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### Channel estimation and sequence for the reception of optical ...

However, as discussed e.g. in Haunstein00, an explicitly linear **channel model** is fundamentally inappropriate for the **nonlinear optical channel** employed in ...  
[www.freepatentsonline.com/20060274861.html](http://www.freepatentsonline.com/20060274861.html) - 103k - [Cached](#) - [Similar pages](#)

### Method and system to identify and characterize nonlinearities in ...

A method as in claim 1, wherein **adjusting** the **channel model** value further comprises ...  
 13 is a block diagram of a **nonlinear optical channel** equalizer, ...  
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**Optical channel.** Digital input fibre channel. 454. Proc. 27th air. Conf. on Opt. Comm. ... a (p-L)), represents the **non-linear 1st channel model** 12,71 ...  
[ieeexplore.ieee.org/iel5/7749/21330/00989712.pdf?arnumber=989712](http://ieeexplore.ieee.org/iel5/7749/21330/00989712.pdf?arnumber=989712) - [Similar pages](#)

### [PDF] A SIME DFE-based equalization technique for PMD compensation ...

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new SIMO PMD **channel model** which utilizes information ... end PMD-limited **optical channel** is a dispersive and. **nonlinear** channel in the electrical domain. ...  
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### Flash ADC receiver with reduced errors - US Patent 6980140

The channel may be, for example, an **optical channel** on an optical fibre. ... these errors by **adjusting the channel model** (and thereby changing the pdf's). ...  
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### Compensation for polarization mode dispersion in single mode fiber ...

A receiver employs **non-linear** threshold compensation to adjust input sample ...  
 compensation is applied to samples received from an **optical channel** by ...  
[www.patentstorm.us/patents/6862413-description.html](http://www.patentstorm.us/patents/6862413-description.html) - 37k - [Cached](#) - [Similar pages](#)

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Two 20 Gs/s 6 bit DAC. 676 HTCE BGA - 14 layer. Linear and **nonlinear** precompensation of 10 Gb/s. Silicon eliminates the **optical channel** degradations. ...  
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[ese.wustl.edu/~nehorai/paper/01673682.pdf](http://ese.wustl.edu/~nehorai/paper/01673682.pdf) - [Similar pages](#)

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nonlinear AND "optical channel" AND adjusting AND "c

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☐ **3. Adaptive Signal Processing Algorithms For Non-Gaussian Signals** [PDF-257K]

Dec 2002

...Belfast September 2002 i Abstract Adaptive systems are self-**adjusting** and seek the optimum in a continuous way, thus becoming less...Equalisation ..... 104 5.2.1 **Channel Model** ..... 106 5.3 Co-Channel...  
[http://www.ee.qub.ac.uk/dsp/csp/Thesis/Chan/Thesis.pdf] [similar results](#)

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...the range of communication is necessary for industrial adoption of OC-768. PMD results from the impairments along a fibre **optical channel** which cause an input pulse to be split into two pulses with different polarizations. To a first order approximation, equation...  
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- ☐ 6. [IFSA Abstract/Program #11](#) [PDF-776K]  
May 2005  
To me, IFSA/NAFIPS 2001 brings back memories of the early days mostly in the seventies, when our meetings were small and narrowly focused. It was then that Madan Gupta came up with the idea of launching NAFIPS.  
[\[http://morden.csee.usf.edu/ifsanafips2001.html/forms/F...\]](http://morden.csee.usf.edu/ifsanafips2001.html/forms/F...)  
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- ☐ 7. [TRANSITION SHIFT TIMING FOR OPTICAL SIGNAL VLUTTERS, Ruud, PATENT COOPERATION TREATY APPLICATION](#), Jun 2006  
...calibration (OPC) for **adjusting** the write strategy...signal by means of an **optical channel model**, the calculated model...which describe the **optical channel** well, e.g. the Braat-T-Topkins...CA signal, and y) **adjusting** the one or more write...  
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- ☐ 8. [Computation of steered nonlinear fields using offset KZK axes](#)  
**Fox, P.D. / Bouakaz, A. / Tranquart, F.**, Jan 2005  
...e-Prints Soton Computation of steered **nonlinear** fields using offset KZK axes Fox, P.D...Tranquart, F. (2005) Computation of steered **nonlinear** fields using offset KZK axes. In, Proceedings...harmonic signals generated by tissue **nonlinear** processes to form images at the second...  
[\[http://eprints.soton.ac.uk/28451/\]](http://eprints.soton.ac.uk/28451/)  
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- ☐ 9. [Method to identify and characterize nonlinearities in optical communications channels](#)  
**AGAZZI, Oscar E., EUROPEAN PATENT**, Sep 2003  
...model with memory for characterizing an **optical channel** having **nonlinearity**. A second **optical channel model** is based on a Volterra series. Volterra...Volterra series are a way to represent **nonlinear** functions. In general Volterra series...  
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- ☐ 10. [METHOD AND APPARATUS TO IDENTIFY AND CHARACTERIZE NONLINEARITIES IN OPTICAL COMMUNICATIONS CHANNELS](#)  
**AGAZZI, Oscar E., PATENT COOPERATION TREATY APPLICATION**, May 2002  
...model with memory for characterizing an **optical channel** having **nonlinearity**. A second **optical channel model** is based on a Volterra series. Volterra...Volterra series are a way 30 to represent **nonlinear** functions. In general Volterra series...  
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- ☐ 11. [Channel estimation and sequence estimation for the reception of optical signal](#)  
**Langenbach, Stefan / Stojanovic, Nebojsa, Prof. Dr., EUROPEAN PATENT APPLICATION**, Jan 2005  
...imperfections of the **channel model**. Residual mis-equalization...explicitly linear **channel model** is fundamentally...inappropriate for the **nonlinear optical channel** employed in...Equalization for **Nonlinear** Channels with...explicit filter **channel model**, EP 1 139 619...  
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- ☐ **12. [Channel estimation and sequence for the reception of optical signal](#)**  
**Langenbach, Stefan / Stojanovic, Nebojsa, UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION, Dec 2006**  
 ...system. It comprises a transmitter 1, an **optical channel** 4 and a receiver 10. A typical transmitter...The optical signal is transmitted via **optical channel** 4 to receiver 10. [0078] At the receiver...phase step may lead to a loss of the **channel model**. [0096] The channel estimation is based...  
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- ☐ **13. [Method and system to identify and characterize nonlinearities in optical communications channels](#)**  
**Agazzi, Oscar E., UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION, May 2002**  
 ...model with memory for characterizing an **optical channel** having **nonlinearity**. [0046] A second **optical channel model** is based on a Volterra series. Volterra...Volterra series are a way to represent **nonlinear** functions. In general Volterra series...  
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- ☐ **14. [CHANNEL ESTIMATION AND SEQUENCE ESTIMATION FOR THE RECEPTION OF OPTICAL SIGNAL](#)**  
**LANGENBACH, Stefan / STOJANOVIC, Nebojsa, PATENT COOPERATION TREATY APPLICATION, Feb 2005**  
 ...imperfections of the **channel model**. Residual mix...explicitly linear **channel model** is fundamentally...inappropriate for the **nonlinear optical channel** employed in...Equalization for **Nonlinear** Channels with...explicit filter **channel model**, EP 1 139 619...  
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- ☐ **15. [Method and apparatus for physical image based inspection system](#)**  
**Qian, Qi-De / Tejnil, Edita / Dao, Giang, UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT, Sep 2003**  
 ...5a. The **optical channel model** of FIG. 5a incorporates...progresses through the **optical channel model** 500 of FIG. 5a. As...which may contain **nonlinear** frequency conversion...with respect to the **optical channel model** 500FIG. 5a, optics...  
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- ☐ **16. [Connection between X-Waves, Fourier-Bessel series and optimal modelling aperture for circular symmetric arrays](#)**  
**Fox, P.D. / Lu, J-Y. / Holm, S. / Tranquart, F., Jan 2005**  
 This paper addresses various unresolved issues raised in publications [1], [2], and [3], in connection with the study and application of limited-diffraction and non-diffracting beams. Nondiffracting beams have the property of a constant radial profile ...  
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- ☐ **17. [Receiver for high rate digital communication system](#)**  
**Dittrich, Andreas / Sauer-Greff, Wolfgang Emil Michael / Urbansky, Ralph Steffen, UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT, Jan 2007**




...decision feedback equalizer having a **nonlinear** structure with table entries of a plurality...equalizer adjustment, usually an appropriate **channel model** has to be extracted out of the received...achieved by extracting an appropriate **channel model** out of the received analogue signal...

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☐ **18. Flash ADC receiver with reduced errors**

**Rowland, Andy / Luk, Tom / Hadjihassan, Sevgui, UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT, Dec 2005**


...example, an **optical channel** on an optical...the initial **channel model** the probability...errors by **adjusting** the **channel model** (and thereby...errors by **adjusting** the reference...dependent upon the **channel model**. More particularly...

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☐ **19. FLASH ADC RECEIVER WITH REDUCED ERRORS**

**Rowland, Andy / Luk, Tom / Hadjihassan, Sevgui, UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION, Dec 2005**

...example, an **optical channel** on an optical...the initial **channel model** the probability...errors by **adjusting** the **channel model** (and thereby...errors by **adjusting** the reference...dependent upon the **channel model**. More particularly...

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☐ **20. Receiver for high rate digital communication system**

**Dittrich, Andreas / Michael Sauer-Greff, Wolfgang Emil / Urbansky, Ralph Steffen, UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION, Feb 2004**

...decision feedback equalizer having a **nonlinear** structure with table entries of a plurality...equalizer adjustment, usually an appropriate **channel model** has to be extracted out of the received...achieved by extracting an appropriate **channel model** out of the received analogue signal...

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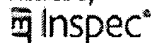
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Woodward, S.L.; Phillips, M.R.; Smith, R.L.;  
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5-10 March 2006 Page(s):3 pp.  
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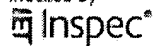
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[Lightwave Technology, Journal of](#)  
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Digital Object Identifier 10.1109/50.643545  
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Buchali, F.; Bulow, H.; Baumert, W.; Ballentin, R.; Wehreu, T.;  
[Optical Fiber Communication Conference, 2000](#)  
Volume 3, 7-10 March 2000 Page(s):268 - 270 vol.3  
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[Transparent Optical Networks, 1999. International Conference on](#)  
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Digital Object Identifier 10.1109/ICTON.1999.781835  
[AbstractPlus](#) | Full Text: [PDF](#)(312 KB) IEEE CNF  
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- ☐ 4. **On the use of tapered linearly chirped gratings as dispersion-induced dispersion equalizers in SCM systems**  
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[Lightwave Technology, Journal of](#)  
Volume 15, Issue 2, Feb. 1997 Page(s):179 - 187  
Digital Object Identifier 10.1109/50.554316  
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- ☐ 5. **PMD mitigation at 10 Gbit/s using linear and nonlinear integrated electronic circuits**  
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Volume 36, Issue 2, 20 Jan. 2000 Page(s):163 - 164

Digital Object Identifier 10.1049/el:20000175

[AbstractPlus](#) | Full Text: [PDF](#)(132 KB) IET JNL6. **Impact of apodised linearly chirped fibre gratings on the performance of limited subcarrier systems**

Marti, J.; Montero, A.; Pastor, D.; Fuster, J.M.; Capmany, J.; Polo, V.; Ramos, Optoelectronics, IEE Proceedings-

Volume 145, Issue 2, April 1998 Page(s):117 - 123

[AbstractPlus](#) | Full Text: [PDF](#)(568 KB) IET JNL7. **Reducing nonlinear waveform distortion in IM/DD systems by optimized**

Zhou, Y.R.; Watkins, L.R.;

Photonics Technology Letters, IEEE

Volume 6, Issue 9, Sept. 1994 Page(s):1159 - 1161

Digital Object Identifier 10.1109/68.324698

[AbstractPlus](#) | Full Text: [PDF](#)(256 KB) IEEE JNL[Rights and Permissions](#)8. **Performance of smart lightwave receivers with linear equalization**

Cartledge, J.C.; McKay, R.G.; Nowell, M.C.;

Lightwave Technology, Journal of

Volume 10, Issue 8, Aug. 1992 Page(s):1105 - 1109

Digital Object Identifier 10.1109/50.156851

[AbstractPlus](#) | Full Text: [PDF](#)(396 KB) IEEE JNL[Rights and Permissions](#)9. **A femtosecond code-division multiple-access communication system tes**

Sardesai, H.P.; Chang, C.-C.; Weiner, A.M.;

Lightwave Technology, Journal of

Volume 16, Issue 11, Nov. 1998 Page(s):1953 - 1964

Digital Object Identifier 10.1109/50.730356

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Winters, J.H.; Gitlin, R.D.;

Communications, 1990. ICC 90, Including Supercomm Technical Sessions. SI '90. Conference Record., IEEE International Conference on

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Digital Object Identifier 10.1109/49.286682  
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- ☐ 2. **The feasibility study of transporting IS-95 CDMA signals over HFC netwo**  
Lin, Y.M.; Way, W.I.;  
[Photonics Technology Letters, IEEE](#)  
Volume 11, Issue 6, June 1999 Page(s):736 - 738  
Digital Object Identifier 10.1109/68.766802  
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Rivas, I.; Ibbetson, L.J.; Lopes, L.B.;  
[Vehicular Technology Conference, 1997 IEEE 47th](#)  
Volume 3, 4-7 May 1997 Page(s):1503 - 1507 vol.3  
Digital Object Identifier 10.1109/VETEC.1997.605622  
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**in Optical Communication Channels**  
Hirota, O.; Toda, J.;  
[Communications, IEEE Transactions on \[legacy, pre - 1988\]](#)  
Volume 31, Issue 8, Aug 1983 Page(s):992 - 999  
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- ☐ 5. **Performance of code-division-multiple-access communications over mul**  
**fiber channels**  
Walker, E.L.;  
[Circuits and Systems, 1994., Proceedings of the 37th Midwest Symposium on](#)  
Volume 2, 3-5 Aug. 1994 Page(s):1419 - 1423 vol.2

Digital Object Identifier 10.1109/MWSCAS.1994.519073

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6. **Analytical calculation of throughput of ALOHA based protocols in optical networks**

Samaras, K.; O'Brien, D.C.; Edwards, D.J.;  
[Optoelectronics, IEE Proceedings-](#)  
Volume 147, Issue 4, Aug. 2000 Page(s):322 - 328  
Digital Object Identifier 10.1049/ip-opt:20000563  
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7. **Seamless Interconnection for Universal Services. Global Telecommunications Conference. GLOBECOM'99. (Cat. No.99CH37042)**

[Global Telecommunications Conference, 1999. GLOBECOM '99](#)  
Volume 1A, 1999  
Digital Object Identifier 10.1109/GLOCOM.1999.831596  
[AbstractPlus](#) | Full Text: [PDF](#)(4728 KB) IEEE CNF  
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8. **Hardware design and performance analysis of VDSL transceivers**

Worner, A.; Schenk, M.; Schmucking, D.;  
[Electronics, Circuits, and Systems, 1996. ICECS '96., Proceedings of the Third International Conference on](#)  
Volume 1, 13-16 Oct. 1996 Page(s):17 - 20 vol.1  
Digital Object Identifier 10.1109/ICECS.1996.582632  
[AbstractPlus](#) | Full Text: [PDF](#)(464 KB) IEEE CNF  
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9. **Transmission capacity and design of a VDSL-system**

Schmucking, D.; Worner, A.;  
[Communications, 1996. ICC 96, Conference Record, Converging Technologies: Applications, 1996 IEEE International Conference on](#)  
Volume 3, 23-27 June 1996 Page(s):1426 - 1431 vol.3  
Digital Object Identifier 10.1109/ICC.1996.533644  
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10. **Wireless access in HFC systems**

Way, W.I.;  
[Microwave Photonics, 1996. MWP '96. Technical Digest., 1996 International T](#)  
3-5 Dec. 1996 Page(s):57 - 60  
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 Digital Object Identifier 10.1109/GLOCOM.1999.831596  
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- ☐ 2. **Hardware design and performance analysis of VDSL transceivers**  
 Worner, A.; Schenk, M.; Schmucking, D.;  
Electronics, Circuits, and Systems, 1996. ICECS '96., Proceedings of the Thirteenth International Conference on  
 Volume 1, 13-16 Oct. 1996 Page(s):17 - 20 vol.1  
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## Inventor Information for 09/989367

<b>Inventor Name</b>	<b>City</b>	<b>State/Country</b>
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